Index to Volume 51

Author Index

AMRAMI, D.—*see* Shashar et al.
ASCHE, MANFRED
A Review of the Systematics of Hawaiian Planthoppers (Hemiptera: Fulgoroidea), 366–375
Asquith, Adam
Hawaiian Miridae (Hemiptera: Heteroptera): The Evolution of Bugs and Thought, 356–365

BAEZA, MARCELO—*see* Swenson et al.
BAKER, RICHARD—*see* DeSalle et al.
BALAZS, GEORGE H.—*see* Grant et al.; Niethammer et al.
BANASZAK, A. T.—*see* Shashar et al.
BARBER, JOHN H., JR.—*see* Hampton et al.
BAUER, AARON M.—*see* Sadlier and Bauer
BEARDSLEY, JOHN W.
Hawaiian Pseudococcidae (Hemiptera): A Group That Perkins Missed, 377–379
BOHM, BRUCE A.—*see* Marr and Bohm
BROWER, ANDREW V. Z.—*see* DeSalle et al.

CARLSON, BRUCE A.—*see* Randall and Carlson
CARLTON, JAMES T.—*see* Cohen and Carlton
CHEN, JENG-PING, RONG-QUEN JAN, and KWANG-TSAO SHAO
Checklist of Reef Fishes from Taiping Island (Itu Aba Island), Spratly Islands, South China Sea, 143–166
CHENG, LANNA
Disjunct Distributions of *Halobates* (Hemiptera: Gerridae) in the Pacific Ocean, 134–142
CHESS, JAMES R., EDMUND S. HOBSON, and DANIEL F. HOWARD
Interactions between *Acanthaster planci* (Echinodermata, Asteroidea) and Scleractinian Corals at Kona, Hawai'i, 121–133
COHEN, ANDREW N. and JAMES T. CARLTON
Transoceanic Transport Mechanisms: Introduction of the Chinese Mitten Crab, *Eriocheir sinensis,* to California, 1–11
COOPER, BRIAN A.—*see* Reynolds et al.
CRADDOCK, ELYSSE M. and MICHAEL P. KAMBYSELLIS
Adaptive Radiation in the Hawaiian *Drosophila* (Diptera: Drosophilidae): Ecological and Reproductive Character Analyses, 475–489
CRAIG, PETER—*see* Grant et al.
CROOM, HENRIETTA B.—*see* Gillespie et al.
CRAWFORD, DANIEL J.—*see* Swenson et al.

DAY, ROBERT H.—*see* Reynolds et al.
DESALLE, ROB, ANDREW V. Z. BROWER, RICHARD BAKER, and JAMES REMSEN
A Hierarchical View of the Hawaiian Drosophilidae (Diptera), 462–474

FANCY, STEVEN G.
A New Approach for Analyzing Bird Densities from Variable Circular-Plot Counts, 107–114
FOSTER, M. S.—*see* Reyes-Bonilla et al.

GARDNER, DONALD E.
Additions to the Rust Fungi of Hawai'i, 174–182
GILLESPIE, ROSEMARY G., HENRIETTA B. CROOM, and G. LUKE HASTY
Phylogenetic Relationships and Adaptive Shifts among Major Clades of *Tetragnatha* Spiders (Araneae: Tetragnathidae) in Hawai'i, 380–395
GRANT, GILBERT S., PETER CRAIG, and GEORGE H. BALAZS
Notes on Juvenile Hawksbill and Green Turtles in American Samoa, 48–53
GREENFIELD, DAVID W.
Allenbatrachus, A New Genus of Indo-Pacific Toadfish (Batrachoididae), 306–313
GRIGG, RICHARD W.
Benthic Communities on Lō'ihi Submarine Volcano Reflect High-Disturbance Environment, 209–220

HAMPTON, MONTY A., MICHAEL E. TORRESAN, and JOHN H. BARBER, JR.
Sea-Floor Geology of a Part of Māmala Bay, Hawai'i, 54–75
HASTY, G. LUKE—*see* Gillespie et al.
HATFIELD, JEFF S.—*see* Niethammer et al.
HOBSON, EDMUND S.—*see* Chess et al.
HOWARD, DANIEL F.—*see* Chess et al.

INEICH, IVAN—*see* Zug and Ineich

JAN, RONG-QUEN—*see* Chen et al.

KAMBYSELLIS, MICHAEL—*see* Craddock and Kambysellis
KANESHIRO, KENNETH Y.
R. C. L. Perkins' Legacy to Evolutionary Research on Hawaiian Drosophilidae (Diptera), 450–461
KRAKAUER, ALAN H.—*see* Tauber and Krakauer

LIEBHERR, JAMES K.
Dispersal and Vicariance in Hawaiian Platynine Carabid Beetles (Coleoptera), 424–439
LIEBHERR, JAMES K. and DAN A. POLHEMUS
Comparisons to the Century Before: The Legacy of R. C. L. Perkins and *Fauna Hawaiiensis* as the Basis for a Long-Term Ecological Monitoring Program, 490–504
R. C. L. Perkins: 100 Years of Hawaiian Entomology, 343–355
LESSER, M. P.—*see* Shashar et al.

MARR, KENDRICK L. and BRUCE A. BOHM
A Taxonomic Revision of the Endemic Hawaiian *Lysimachia* (Primulaceae) Including Three New Species, 254–287
MEGYESI, JENNIFER L.—*see* Niethammer et al.

NAKAI, GLYNNIS L.—*see* Niethammer et al.
NIETHAMMER, KENNETH R., GEORGE H. BALAZS, JEFF S. HATFIELD, GLYNNIS L. NAKAI, and JENNIFER L. MEGYESI
Reproductive Biology of the Green Turtle (*Chelonia mydas*) at Tern Island, French Frigate Shoals, Hawai'i, 36–47
N'YEURT, A. D. R. and G. R. SOUTH
Biodiversity and Biogeography of Benthic Marine Algae in the Southwest Pacific, with Specific Reference to Rotuma and Fiji, 18–28

PALMER, DANIEL D.
A Revision of the Genus *Sadleria* (Blechnaceae), 288–305
PETERSON, F. L.—*see* Soicher and Peterson
POLHEMUS, DAN A.
Phylogenetic Analysis of the Hawaiian Damselfly Genus *Megalagrion* (Odonata: Coenagrionidae): Implications for Biogeography, Ecology, and Conservation Biology, 396–412
POLHEMUS, DAN A.—*see* Liebherr and Polhemus

RANDALL, JOHN E. and BRUCE CARLSON
Ammolabrus dicrus, A New Genus and Species of Labrid Fish from the Hawaiian Islands, 29–35
REICHEL, J. D.—*see* Stinson et al.
REMSEN, JAMES—*see* DeSalle et al.
REYES-BONILLA, H., R. RIOSMENA-RODRIGUEZ, and M. S. FOSTER
Hermatypic Corals Associated with Rhodolith Beds in the Gulf of California, México, 328–337
REYNOLDS, MICHELLE, H., BRIAN A. COOPER, and ROBERT H. DAY
Radar Study of Seabirds and Bats on Windward Hawai'i, 97–106
RIOSMENA-RODRIGUEZ, R.—*see* Reyes-Bonilla et al.

RODERICK, GEORGE K.
Herbivorous Insects and the Hawaiian Silversword Alliance: Coevolution or Cospeciation?, 440–449

SADLIER, ROSS A. and AARON M. BAUER
A New Genus and Species of Lizard (Reptilia: Scincidae) from New Caledonia, Southwest Pacific, 91–96
The Terrestrial Herpetofauna of the Loyalty Islands, 76–90
SHAO, KWANG-TSAO—*see* Chen et al.
SHASHAR, N., A. T. BANASZAK, M. P. LESSER, and D. AMRAMI
Coral Endolithic Algae: Life in a Protected Environment, 167–173
SOICHER, A. J. and F. L. PETERSON
Terrestrial Nutrient and Sediment Fluxes to the Coastal Waters of West Maui, Hawai'i, 221–232
SOUTH, G. R.—*see* N'Yeurt and South
STINSON, D. W., GARY J. WILES, and J. D. REICHEL
Migrant Land Birds and Water Birds in the Mariana Islands, 314–327
STUESSY, TOD F.—*see* Swenson et al.
SUGIHARA, ROBERT T.
Abundance and Diets of Rats in Two Native Hawaiian Forests, 189–198
SWENSON, ULF, TOD F. STUESSY, MARCELO BAEZA, and DANIEL J. CRAWFORD
New and Historical Plant Introductions, and Potential Pests in the Juan Fernández Islands, Chile, 233–253

TAUBER, CATHERINE A. and ALAN H. KRAKAUER
Larval Characteristics and Generic Placement of the Endemic Hawaiian Hemerobiids (Neuroptera), 413–423
TORRESAN, MICHAEL E.—*see* Hampton et al.
TREGO, KENT D.
Note on New Bivalve Records for Easter Island, 199

WILES, GARY J.—*see* Stinson et al.
WOODCOCK, ALFRED H.
Why Sailing Sea Animals Have Mirror Images, 12–17

ZUG, GEORGE R. and IVAN INEICH
Striped Skinks in Oceania: The Status of *Emoia caeruleocauda* in Fiji, 183–188

Subject Index

Acanthaster planci, interaction with scleractinian corals, 121–133
algae, benthic marine, biodiversity and biogeography, 18–28
  coral endolithic, 167–173
Allenbatrachus, new genus, 306–313
Ammolabrus dicrus, new genus and species of wrasse, 29–35
Argyroxiphium sandwicense, and herbivorous insects, 440–449

bat, Hawaiian hoary—see *Lasiurus cinereus semotus*
Batrachoididae, 306–313
biogeography, benthic marine algae in southwest Pacific, 18–28
bird density, analysis from variable circular plot counts, 107–114
bird migrants, Mariana Islands, 314–327
bivalve, new records from Easter Island, 199
Blechnaceae, 288–305

Carabidae, Hawaiian Platynine, 424–439
Chelonia mydas, reproductive biology at French Frigate Shoals, 36–47
  size classes in American Samoa, 48–53
coral, hermatypic, associated with rhodolith beds, 328–337
coral, scleractinian, interaction with *Acanthaster planci,* 121–133
crab, Chinese mitten—see *Eriocheir sinensis*

damselfly—see *Megalagrion*
Drosophilidae, Hawaiian, adaptive radiation, 475–489
  hierarchical view, 462–474
  Perkins' legacy to evolutionary research, 450–461

Echinodermata, Asteroidea, 121–133
ecological monitoring, based on work of Perkins and *Fauna Hawaiiensis,* 490–504
Emoia caeruleocauda, status in Fiji, 183–188
endolithic algae, 167–173
Eretmochelys imbricata, growth and dispersal, 48–53
Eriocheir sinensis, introduction to California, 1–11

fish, coral reef, checklist from Taiping Island, 143–166
Fulgoroidea, 366–376
fungi, rust, in Hawai'i, 174–182

geology, sea floor of Māmala Bay, 54–75
Gerridae, 134–142

Halobates, disjunct distribution in Pacific, 134–142
Hemerobiidae, endemic Hawaiian, 413–423
Hemiptera, Fulgoroidea, 366–376
  Gerridae, 134–142
  Miridae, 356–365
  Pseudococcidae, 377–379
herpetofauna, Loyalty Islands, 76–90
hydrothermal vent communities, 209–220

Labridae, 29–35
Lasiurus cinereus semotus, radar study, 97–106
Lō'ihi submarine volcano, benthic communities, 209–220
Lysimachia, taxonomic revision, 254–287

Megalagrion, phylogenetic analysis, 396–412
Miridae, Hawaiian, 356–365
Mollusca, new bivalve records from Easter Island, 199

nutrient flux, coastal waters, 221–232

Oceanodroma castro, radar study, 97–106

Perkins, R. C. L., and Hawaiian entomolgy, 343–504
petrel, Hawaiian dark-rumped—see *Pterodroma phaeopygia sandwichensis*
Physalia physalis, mirror-image forms, 12–17
plant introductions, Juan Fernández Islands, 233–253
planthopper, Hawaiian, systematics, 366–376
Portuguese man-of-war—see *Physalia physalis*
Primulaceae, endemic Hawaiian, 254–287
Pseudococcidae, 377–379
Pterodroma phaeopygia sandwichensis, radar study, 97–105
Puffinus auricularis newelli, radar study, 97–105

rat—see *Rattus*
Rattus exulans, abundance and diet in Hawaiian forest, 189–198
Rattus rattus, abundance and diet in Hawaiian forest, 189–198
rhodolith beds, associated coral, 328–337
rust fungi, new species in Hawai'i, 174–182

Sadleria, revision of genus, 288–305
Scincidae, 76–96, 183–188
sediment flux, coastal waters, 221–232
shearwater, Newell's—see *Puffinus auricularis newelli*
silversword—see *Argyroxiphium sandwicense*
skink—see *Emoia caeruleocauda*
spider—see *Tetragnatha*
storm-petrel, band-rumped—see *Oceanodroma castro*

Tetragnatha, phylogenetic relationships in Hawai'i, 380–395
toadfish—see *Allenbatrachus*
turtle, green—see *Chelonia mydas*
  hawksbill—see *Eretmochelys imbricata*

water quality, coastal, 221–232